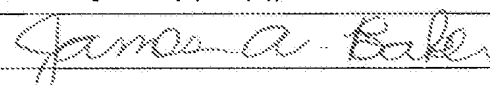


FORM PTO-1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 USC § 371		DATE: 21 June 2006 ATTORNEY DOCKET NUMBER 58927US004 U.S. APPLICATION NO. (if known, see 37 CFR § 1.5)	
INTERNATIONAL APPLICATION NO. PCT/US2004/042793	INTERNATIONAL FILING DATE 17 December 2004	PRIORITY DATE CLAIMED 30 December 2003	
TITLE OF INVENTION ESTIMATING PROPAGATION VELOCITY THROUGH A SURFACE ACOUSTIC WAVE SENSOR			
APPLICANT(S) FOR DO/EO/US Wenyuan Xu and John S. Huizinga			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 USC § 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC § 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC § 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC § 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto b. <input type="checkbox"/> has been previously submitted under 35 USC § 154(d)(4) 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)). 			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment to 3M Innovative Properties Company will follow. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §§ 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 USC § 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC § 154(d)(4). 20. <input type="checkbox"/> Other items or information: 			

☒ Customer Number for
Correspondence Address:

32692

U.S. APPLICATION NO. (if known, see 37 CFR § 1.5)		INTERNATIONAL APPLICATION NO. PCT/US2004/042793		ATTORNEY'S DOCKET NO. 58927US004	
The following fees will be paid via EFS-Web at the time of filing:				Calculations	PTO Use Only
21.	<input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))		\$300	\$ 300.00	
22.	<input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))			\$	
	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)			\$0	
	All other situations			\$ 200.00	
23.	<input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))			\$	
	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)			\$0	
	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$100	
	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB			\$ 400.00	
	All other situations			\$500	
TOTAL OF 21, 22, and 23				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
FEE CALCULATION	NUMBER FILED	(Minus 25%) EFS Filing	Minus 100	Calc. Extra	RATE (for ea. add'l 50)
Application Size Fee		multiplied by .75	delete 100	divide by 50 (round up to nearest 50)	\$ 250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e))					\$ 0.00
CLAIMS		NUMBER FILED		EXTRA	RATE
Total claims		34		- 20 =	14
Independent claims		3		- 3 =	0
Add'l fee for one or more multiple dependent claims					\$360.00
TOTAL AMOUNT DUE					\$ 1600.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27 The fees indicated above are reduced by 1/2					\$ 0.00
SUBTOTAL					\$ 1600.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f))					\$ 0.00
TOTAL NATIONAL FEE					\$ 1600.00
Fee for recording the enclosed assignment (37 CFR § 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§ 3.28, 3.31). \$40.00 per property					\$ 0.00
TOTAL FEES ENCLOSED					\$ 1600.00
				Amount to be refunded	\$
				Amount to be charged	\$1,600.00
a. <input checked="" type="checkbox"/> Fees will be paid via EFS-Web at the time of filing. b. <input type="checkbox"/> Please charge my Deposit Account No. 13-3723 in the amount of \$_____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3723					
NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
Signature 					
Name James A. Baker				Registration Number 44,520	
Address Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427					